



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 3

Test Date: March 2008
Code: 12031513
SAU: MSAD 09
School: Academy Hill School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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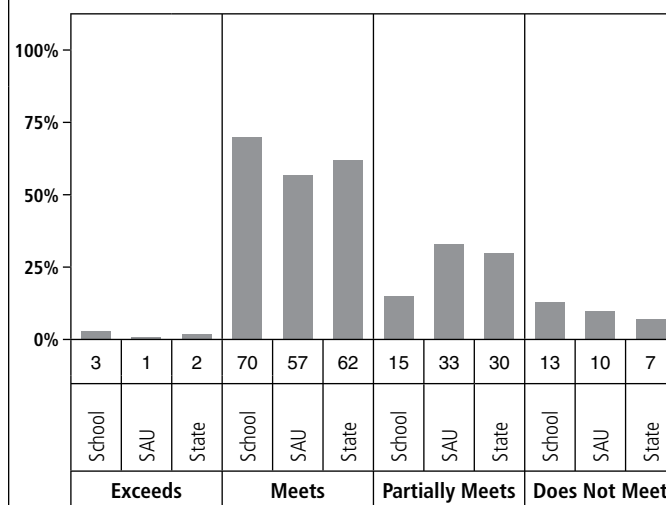
SUMMARY OF SCORES

Test Date: March 2008
Grade: 3
SAU: MSAD 09
School: Academy Hill School

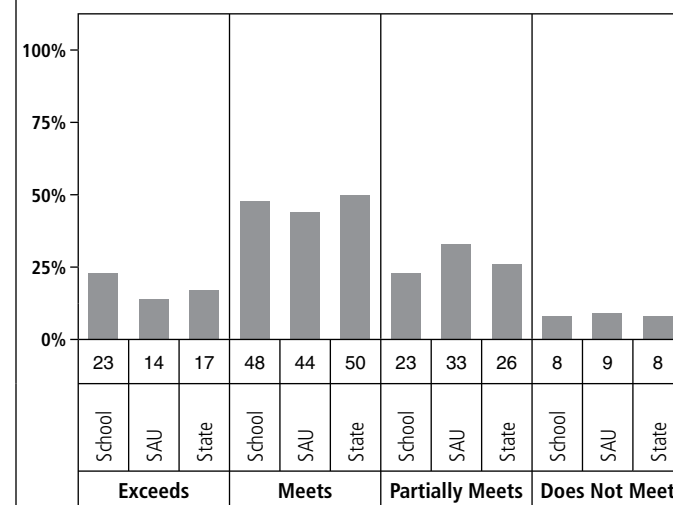
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	345	344	345
2006–2007	346	344	345
2007–2008	346	343	344
Cum. Avg. *	346	344	345
Mathematics			
2005–2006	339	341	344
2006–2007	348	345	347
2007–2008	347	345	347
Cum. Avg. *	344	344	346

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 3
 SAU: MSAD 09
 School: Academy Hill School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	41	100	171	100	13803	100	40	100	168	99	13714	99	40	100	168	99	13710	99												
Ethnicity African American/Black	2	5	2	1	399	3	2	100	2	100	391	98	2	100	2	100	392	98												
American Indian or Native Alaskan	0	0	0	0	116	1	0	0	0	0	114	99	0	0	0	0	114	99												
Asian or Pacific Islander	0	0	2	1	210	2	0	0	2	100	205	98	0	0	2	100	206	98												
Hispanic	0	0	0	0	162	1	0	0	0	0	158	98	0	0	0	0	159	98												
Caucasian/White	39	95	167	98	12916	94	38	100	164	99	12846	100	38	100	164	99	12839	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	6	15	29	17	2358	17	5	100	27	96	2333	99	5	100	27	96	2329	99												
Current LEP	0	0	0	0	371	3	0	0	0	0	357	96	0	0	0	0	361	98												
Economically disadvantaged	25	61	89	52	5584	40	24	100	87	99	5535	99	24	100	87	99	5530	99												
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	28	68	128	75	10650	77	28	68	128	75	10678	77												
Identified disability (PET/IEP)	1	4	3	2	475	4	1	4	3	2	479	4												
LEP	0	0	0	0	151	1	0	0	0	0	149	1												
504 plan	0	0	1	1	83	1	0	0	1	1	85	1												
Participation with accommodations	12	29	38	22	2936	21	12	29	38	22	2911	21												
Identified disability (PET/IEP)	4	33	22	58	1735	59	4	33	22	58	1729	59												
LEP	0	0	0	0	197	7	0	0	0	0	208	7												
504 plan	0	0	0	0	49	2	0	0	0	0	47	2												
Other	8	67	16	42	986	34	8	67	16	42	958	33												
Participation through alternate assessment (PAAP)	0	0	2	1	123	1	0	0	2	1	121	1												
Identified disability (PET/IEP)	0	0	2	100	123	100	0	0	2	100	121	100												
LEP	0	0	0	0	4	3	0	0	0	0	4	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	1	2	1	1	9	0	1	2	1	1	12	0												
Non-participation – other	0	0	2	1	80	1	0	0	2	1	81	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 3
SAU: MSAD 09
School: Academy Hill School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006	0	0	4	2	352	3
	2006-2007	2	4	7	4	332	2
	2007-2008	1	3	1	1	227	2
	Cum. Total*	3	2	12	2	911	2
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006	34	62	101	58	8641	62
	2006-2007	33	58	97	53	8691	63
	2007-2008	28	70	94	57	8403	62
	Cum. Total*	95	63	292	56	25735	62
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006	20	36	58	33	3671	27
	2006-2007	20	35	61	34	3781	27
	2007-2008	6	15	55	33	4018	30
	Cum. Total*	46	30	174	33	11470	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006	1	2	11	6	1163	8
	2006-2007	2	4	17	9	1021	7
	2007-2008	5	13	16	10	938	7
	Cum. Total*	8	5	44	8	3122	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	46	100	28.9	62.8	26.7	58.0	27.6	60.0
Literary Text	23	50	14.5	63.0	13.6	59.1	14.1	61.3
Informational Text	23	50	14.4	62.6	13.1	57.0	13.5	58.7

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 3
SAU: MSAD 09
School: Academy Hill School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	40	1	3	28	70	6	15	5	13	346	166	1	57	33	10	343	13586	2	62	30	7	344
Ethnicity																						
African American/Black	2										2						384	1	42	39	18	339
American Indian or Native Alaskan	0										0						113	2	50	42	5	343
Asian or Pacific Islander	0										2						203	1	60	31	8	344
Hispanic	0										0						158	1	52	36	11	342
Caucasian/White	38	1	3	28	74	4	11	5	13	347	162	1	57	33	9	344	12728	2	63	29	7	345
Not Reported	0										0						0					
Identified disability																						
Yes	5	0	0	3	60	2	40	0	0	343	25	0	20	60	20	336	2210	0	32	48	20	338
No	35	1	3	25	71	4	11	5	14	347	141	1	63	28	8	345	11376	2	68	26	4	346
Current LEP																						
Yes	0										0						348	1	36	45	19	339
No	40	1	3	28	70	6	15	5	13	346	166	1	57	33	10	343	13238	2	63	29	7	344
Economically disadvantaged																						
Yes	24	0	0	18	75	3	13	3	13	345	86	0	51	37	12	341	5450	1	49	39	11	341
No	16	1	6	10	63	3	19	2	13	348	80	1	63	29	8	346	8136	2	71	23	4	346
Migrant																						
Yes	0										0						5	0	80	20	0	343
No	40	1	3	28	70	6	15	5	13	346	166	1	57	33	10	343	13581	2	62	30	7	344
Gender																						
Female	15	1	7	9	60	3	20	2	13	348	69	1	48	41	10	344	6567	3	65	27	5	345
Male	25	0	0	19	76	3	12	3	12	345	97	0	63	28	9	343	7019	1	59	32	8	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	4										13	0	15	54	31	336	2004	0	37	49	14	339
No	36	1	3	27	75	5	14	3	8	347	153	1	60	31	8	344	11582	2	66	26	6	345
Gifted/talented program																						
Yes	0										1						125	11	87	2	0	355
No	40	1	3	28	70	6	15	5	13	346	165	1	56	33	10	343	13461	2	62	30	7	344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 3
SAU: MSAD 09
School: Academy Hill School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	3	75	0	0	1	25	340	9	0	36	43	21	338	6	0	43	39	18	340
B. less than one hour	73	1	3	24	83	2	7	2	7	349	75	1	63	29	7	345	79	2	65	28	5	345
C. one to two hours	10	0	0	0	0	2	50	2	50	334	12	0	47	42	11	342	12	2	60	31	7	344
D. more than two hours	8	0	0	1	33	2	67	0	0	342	4	0	29	57	14	338	3	0	32	44	24	338
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	18	1	14	5	71	1	14	0	0	353	20	3	58	30	9	346	29	3	62	28	7	345
B. They match some of what I have learned.	45	0	0	13	72	2	11	3	17	346	45	0	58	34	8	344	48	2	67	27	4	345
C. They match just a little of what I have learned.	25	0	0	6	60	3	30	1	10	343	21	0	56	32	12	342	15	1	56	34	9	343
D. There is no match.	13	0	0	4	80	0	0	1	20	342	13	0	55	36	9	342	8	0	44	40	16	340
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	38	0	0	10	67	2	13	3	20	342	43	0	58	28	14	343	42	3	67	24	6	346
B. good	45	1	6	14	78	1	6	2	11	350	44	1	57	35	7	345	46	1	62	32	5	344
C. fair	15	0	0	4	67	2	33	0	0	346	11	0	56	44	0	343	10	0	48	42	10	341
D. poor	3	0	0	0	0	1	100	0	0	338	2	0	33	67	0	339	2	0	30	43	28	336
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	30	0	0	7	58	3	25	2	17	343	27	0	39	45	16	340	22	1	48	38	12	341
B. about the same as my regular schoolwork	50	1	5	14	70	2	10	3	15	348	57	1	64	28	7	345	57	2	68	26	4	346
C. easier than my regular schoolwork	20	0	0	7	88	1	13	0	0	347	16	0	60	32	8	343	21	1	61	30	8	344
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	21	0	0	4	50	3	38	1	13	342	22	0	31	57	11	339	20	0	38	47	16	339
B. Most of the passages were about the same as what I normally read.	36	0	0	11	79	1	7	2	14	346	46	0	60	32	8	344	51	2	68	27	4	345
C. Most of the passages were easier than what I normally read.	44	1	6	13	76	1	6	2	12	349	32	2	73	16	10	347	29	3	69	23	6	346
How much time do you spend reading at home each day?																						
A. more than one hour	23	1	11	7	78	0	0	1	11	352	24	3	54	33	10	344	19	3	65	27	6	346
B. 20 minutes to an hour	20	0	0	6	75	1	13	1	13	347	43	0	60	34	6	344	47	2	68	25	5	346
C. less than 20 minutes	13	0	0	2	40	2	40	1	20	342	9	0	50	43	7	343	19	1	56	35	8	343
D. I rarely read at home.	45	0	0	13	72	3	17	2	11	344	25	0	58	28	15	342	14	0	47	40	12	341
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	48	0	0	13	68	3	16	3	16	344	37	0	50	40	10	342	28	1	56	33	9	343
B. six to ten pages	23	0	0	7	78	2	22	0	0	349	18	0	59	34	7	345	23	1	63	29	7	344
C. eleven or more pages	30	1	8	8	67	1	8	2	17	348	45	1	62	27	10	345	49	2	65	27	6	345
Optional school/SAU question																						
A.	100	0	0	0	0	0	0	1	100	330	50	0	0	33	67	329						
B.	0										17	0	0	0	100	330						
C.	0										17	0	0	100	0	336						
D.	0										17	0	0	100	0	340						

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 3
SAU: MSAD 09
School: Academy Hill School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)	2005-2006	1	2	11	6	1295	9
	2006-2007	7	12	22	12	1985	14
	2007-2008	9	23	23	14	2277	17
	Cum. Total*	17	11	56	11	5557	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 341–360)	2005-2006	21	38	76	43	6852	49
	2006-2007	28	49	84	46	6990	51
	2007-2008	19	48	73	44	6764	50
	Cum. Total*	68	44	233	45	20606	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)	2005-2006	26	46	64	37	4081	29
	2006-2007	21	37	63	35	3673	27
	2007-2008	9	23	55	33	3504	26
	Cum. Total*	56	37	182	35	11258	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	8	14	24	14	1638	12
	2006-2007	1	2	13	7	1193	9
	2007-2008	3	8	15	9	1044	8
	Cum. Total*	12	8	52	10	3875	9

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	8.6	57.3	8.1	54.0	9.2	61.3
Cluster 2: Shape and Size	14	29	9.8	70.0	10.0	71.4	10.0	71.4
Cluster 3: Mathematical Decision Making	5	10	3.4	68.0	3.1	62.0	3.2	64.0
Cluster 4: Patterns	14	29	9.3	66.4	8.8	62.9	9.0	64.3

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 3
 SAU: MSAD 09
 School: Academy Hill School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	40	9	23	19	48	9	23	3	8	347	166	14	44	33	9	345	13589	17	50	26	8	347
Ethnicity																						
African American/Black	2										2						390	10	30	32	28	337
American Indian or Native Alaskan	0										0						113	7	45	38	10	342
Asian or Pacific Islander	0										2						204	18	48	25	9	347
Hispanic	0										0						159	6	50	31	13	342
Caucasian/White	38	9	24	19	50	8	21	2	5	348	162	14	45	33	8	345	12723	17	50	25	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	5	0	0	2	40	3	60	0	0	338	25	0	28	40	32	331	2208	6	35	37	21	338
No	35	9	26	17	49	6	17	3	9	348	141	16	47	32	5	347	11381	19	53	24	5	349
Current LEP																						
Yes	0										0						357	8	29	37	26	336
No	40	9	23	19	48	9	23	3	8	347	166	14	44	33	9	345	13232	17	50	25	7	348
Economically disadvantaged																						
Yes	24	5	21	12	50	5	21	2	8	346	86	6	40	40	15	340	5452	9	45	33	12	343
No	16	4	25	7	44	4	25	1	6	348	80	23	49	26	3	350	8137	22	53	21	4	350
Migrant																						
Yes	0										0						5	0	40	40	20	337
No	40	9	23	19	48	9	23	3	8	347	166	14	44	33	9	345	13584	17	50	26	8	347
Gender																						
Female	15	3	20	7	47	3	20	2	13	346	69	13	38	35	14	343	6565	15	49	27	8	347
Male	25	6	24	12	48	6	24	1	4	347	97	14	48	32	5	346	7024	18	50	24	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	4										13	8	8	62	23	335	2004	5	39	41	15	339
No	36	8	22	18	50	8	22	2	6	348	153	14	47	31	8	346	11585	19	52	23	6	349
Gifted/talented program																						
Yes	0										1						125	70	30	0	0	366
No	40	9	23	19	48	9	23	3	8	347	165	13	44	33	9	345	13464	16	50	26	8	347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 3
SAU: MSAD 09
School: Academy Hill School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	1	25	2	50	0	0	1	25	344	9	14	29	36	21	339	6	9	40	33	18	340
B. less than one hour	73	7	24	15	52	7	24	0	0	349	75	15	47	32	6	347	79	18	52	24	6	348
C. one to two hours	10	1	25	0	0	1	25	2	50	334	12	11	37	37	16	342	12	16	48	27	8	347
D. more than two hours	8	0	0	2	67	1	33	0	0	345	4	0	57	29	14	339	3	7	26	37	29	335
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	26	4	40	5	50	1	10	0	0	355	31	22	44	30	4	349	37	22	50	22	6	350
B. They match some of what I have learned.	50	3	16	11	58	4	21	1	5	346	45	11	54	31	4	346	46	16	53	25	6	348
C. They match just a little of what I have learned.	16	0	0	3	50	2	33	1	17	338	14	9	41	32	18	341	12	9	44	36	11	342
D. There is no match.	8	1	33	0	0	2	67	0	0	343	9	7	13	53	27	334	5	5	32	36	27	336
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	51	7	37	9	47	3	16	0	0	353	41	24	39	29	8	348	39	25	48	20	7	350
B. good	24	2	22	5	56	2	22	0	0	349	40	11	48	34	7	344	46	14	52	27	7	347
C. fair	16	0	0	4	67	2	33	0	0	345	15	4	57	35	4	345	12	8	49	35	9	343
D. poor	8	0	0	0	0	2	67	1	33	327	3	0	0	60	40	326	3	2	34	36	29	335
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	15	0	0	1	17	2	33	3	50	328	19	0	33	33	33	333	17	7	41	35	17	340
B. about the same as my regular schoolwork	53	5	24	12	57	4	19	0	0	349	58	19	52	27	2	349	59	18	53	24	5	349
C. easier than my regular schoolwork	33	4	31	6	46	3	23	0	0	351	23	13	37	45	5	345	25	21	49	23	8	349
How often do you use hands-on materials in mathematics class?																						
A. almost every day	25	0	0	3	30	4	40	3	30	332	36	10	41	34	14	343	32	13	47	30	10	345
B. two or three days a week	20	5	63	3	38	0	0	0	0	360	21	21	41	29	9	346	30	20	52	23	5	349
C. two or three times each month	33	2	15	6	46	5	38	0	0	346	26	19	45	33	2	349	19	20	53	21	6	350
D. never or almost never	23	2	22	7	78	0	0	0	0	352	17	7	57	29	7	344	18	16	50	27	8	347
How often do you use calculators in mathematics class?																						
A. almost every day	5	0	0	0	0	1	50	1	50	324	9	0	21	64	14	335	7	5	34	40	20	338
B. two or three days a week	5	0	0	2	100	0	0	0	0	350	6	10	60	30	0	349	18	15	50	27	8	346
C. two or three times each month	20	3	38	4	50	1	13	0	0	353	30	21	44	29	6	348	28	21	53	21	4	350
D. never or almost never	70	6	21	13	46	7	25	2	7	347	55	14	47	30	10	345	47	17	50	25	7	347
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	13	2	40	2	40	0	0	1	20	348	14	9	22	48	22	338	16	8	42	36	13	342
B. 30–45 minutes	23	1	11	2	22	4	44	2	22	334	34	7	56	30	7	344	30	14	53	26	7	347
C. 45–60 minutes	36	2	14	8	57	4	29	0	0	348	37	20	47	29	3	349	32	22	51	22	5	350
D. more than 60 minutes	28	4	36	6	55	1	9	0	0	355	14	17	39	30	13	344	22	20	49	23	7	349
Optional school/SAU question																						
A.	100	0	0	0	0	0	0	1	100	318	50	0	0	33	67	323						
B.	0										17	0	0	0	100	318						
C.	0										17	0	0	100	0	334						
D.	0										17	0	0	100	0	338						